

## OPEN HOUSE PUBLIC MEETING FOR LA 31 & LA 92: ROUNDABOUT ST.MARTIN PARISH

State Project No. H.009143  
Federal Aid Project No. H009143

Project Partners




## Project Description

- ❖ LADOTD in conjunction with FHWA proposes to construct a one lane roundabout at the intersection of LA 31 and LA 92.
- ❖ Additional required right-of-way and servitudes are anticipated
- ❖ The roundabout will replace the existing signal at the LA 31 & LA 92 intersection
- ❖ It is anticipated that the project will be environmentally processed as a Categorical Exclusion.

## Project Purpose and Need

The purpose and need of the project is to improve traffic flow and reduce congestion at the intersection of LA 31 and LA 92.

## Meeting Agenda

In addition to this presentation, the following stations are available:

- A Sign-in and Handout Station
- An Exhibit Station to review layouts of the proposed roundabout and ask questions to project staff
- Video models showing vehicles traveling along a roadway using a roundabout
- A Right-of-Way Station to discuss property acquisition with LADOTD Real Estate Section personnel
- A Comment Station for giving written and/or verbal comments (Written comments postmarked within 10 calendar days of meeting will also be included in the transcript)

Project team members are available to assist you and receive your comments.

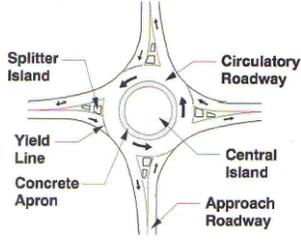
## Project Location



The map shows a network of roads in St. Martin Parish, Louisiana. A yellow box highlights the intersection of LA 31 and LA 92. A north arrow is in the top left, and a scale bar (0 to 2.2 miles) is in the bottom right.

## What is a Roundabout?

- Roundabouts are one-way, circular intersections designed to improve safety and efficiency for motorists, bicyclists, and pedestrians.
- In a roundabout, traffic flows through a center island counterclockwise.
- A roundabout redirects some of the conflicting traffic, such as left turns, which cause crashes at traditional intersections. This is because drivers enter and exit the roundabout through a series of right-hand turns.



Source: DOTD Roundabouts Fact Sheet

### What are the advantages of Roundabouts?

- A well-designed roundabout can improve safety, operations and aesthetics of an intersection.
- Greater safety is achieved primarily by slower speeds and the elimination of more severe crashes. Operation is improved by smooth-flowing traffic with less stop-and-go than a signalized intersection. Aesthetics are enhanced by the opportunity for more landscaping and less pavement.

Source: DOTD Roundabouts Fact Sheet

### What do statistics from FHWA say about Roundabouts?

- **Roundabouts save lives**
  - Reduce fatalities by up to 90%
  - Reduce injury crashes by up to 76%
  - Reduce pedestrian crashes by up to 30% to 40%
  - Create up to 75% fewer conflict points than a four-way intersection. Conflict points are any point where the paths of two through or turning vehicles diverge, merge, or cross.

Source: DOTD Roundabouts Fact Sheet

### What do statistics from FHWA say about Roundabouts?

- **Roundabouts save money**
  - Reduce road electricity and maintenance costs by an average of \$5,000/year.
  - Eliminate the costs to install and repair signal equipment
  - Provide a 25-year service life when compared to the ten-year service life of signal equipment.

Source: DOTD Roundabouts Fact Sheet

### What do statistics from FHWA say about Roundabouts?

- **Roundabouts provide environmental benefits**
  - Reduce vehicle delay and the number and duration of stops compared with signalized intersections, thus decreasing fuel consumption and carbon emissions. Fewer stops and hard accelerations mean less time idling.

Source: DOTD Roundabouts Fact Sheet

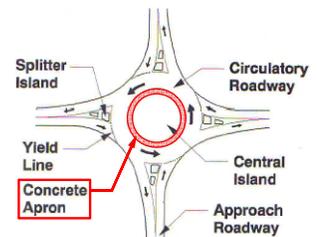
### What are the general principles of using a Roundabout?

- Think of roundabouts as a series of "T" intersections, where entering vehicles yield to one-way traffic coming from the left. A driver approaching a roundabout must slow down, stop or yield to traffic already in the roundabout, and yield to pedestrians in the crosswalk.
- Then, it's a simple matter of making a right-hand turn onto a one-way street.
- Once in the roundabout, the driver proceeds around the central island, then takes the necessary right-hand turn to exit.

Source: DOTD Roundabouts Fact Sheet

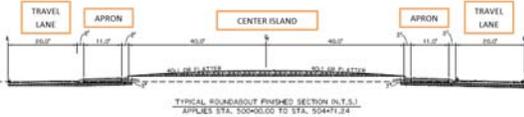
### Can roundabouts accommodate larger vehicles?

- Yes. Roundabouts are designed to accommodate vehicles with a large turning radius such as buses, fire trucks and eighteen wheelers.
- Roundabouts provide an area between the circulatory roadway and the central island, known as a truck apron, over which the rear wheels of these vehicles can safely track.



Source: DOTD Roundabouts Fact Sheet

## LA 31 & LA 92 Roundabout Cross Section



## Real Estate and Right-of-Way Acquisition

Representatives of the DOTD Real Estate Section have a station here tonight, and they are available to answer any questions pertaining to Right of Way Acquisition.

The DOTD Brochure explaining Acquisition of Right of Way and Relocation Assistance Program is available tonight at that table or can be obtained later from:

LADOTD District 03 Real Estate Office  
US Highway 90 East  
Lafayette, LA 70501  
(337) 262-6251

We suggest you read the brochure carefully. If you have any questions regarding your individual situation, consult with the agent when he meets with you, or contact the District Real Estate Office.

## How You Can Help

1. Sign-in tonight and review all materials.
2. Speak with a team member about your property location and concerns.
3. Provide us with your written or recorded comment.

This is the end of the Presentation.

Thank you for your time. Please visit the remaining stations to view the exhibits and provide comments.



The Presentation will begin shortly.

